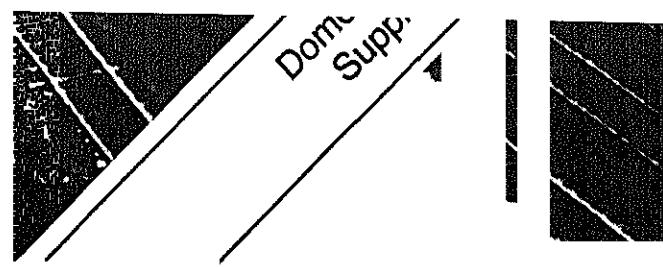
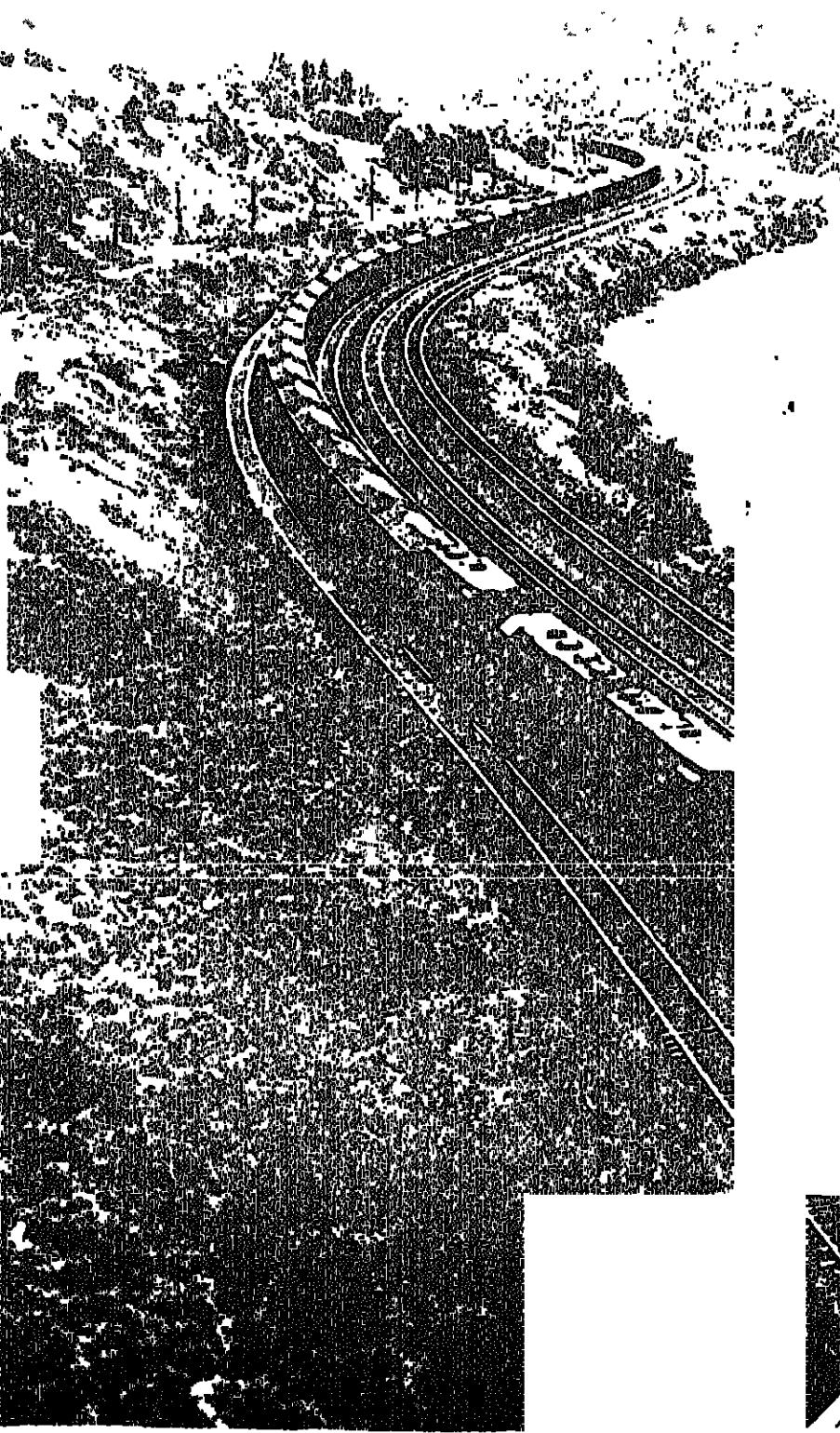


Weekly Coal Production

Production for Week Ended:
November 17, 1990



Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202)586-8800.*

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Summary

U.S. coal production in the week ended November 17, 1990, as estimated by the Energy Information Administration, totaled 21 million short tons, about the same as in the previous week, and in the comparable week in 1989. Production east of the Mississippi River totaled 13 million short tons, and production west of the Mississippi River totaled 9 million short tons.

Coal consumption at electric utility plants in August 1990 totaled 73 million short tons, 4 percent higher than in August 1989. Total coal consumption at electric utility plants for the first 8 months of 1990 was 511 million short tons, slightly more than in the comparable period in 1989. The largest regional changes occurred in the East North Central Census Division, where consumption rose 5 million short tons, and the South Atlantic Census Division, where consumption dropped 5 million short tons.

In the East North Central Census Division, electric utility coal consumption was up, because coal-fired

generation was used to meet the higher electricity demand. In the South Atlantic Census Division, electric utility coal consumption was down, because the demand for electricity was lower, particularly in Maryland, North Carolina and West Virginia.

Electric utility coal stocks were 13 percent more than a year ago, with stocks on August 31, 1990, at 152 million short tons, compared with 134 million short tons on August 31, 1989. Electric utilities drew down coal stocks by 3 million short tons during August 1990.

Coal receipts at electric utility plants in July 1990 were 63 million short tons, 14 percent higher than a year earlier. Total coal receipts at electric utilities for the first 7 months of 1990 totaled 453 million short tons, 6 percent more than in the comparable period in 1989, reflecting the build-up of coal stocks at electric utilities during 1990.

Figure 1. Coal Production

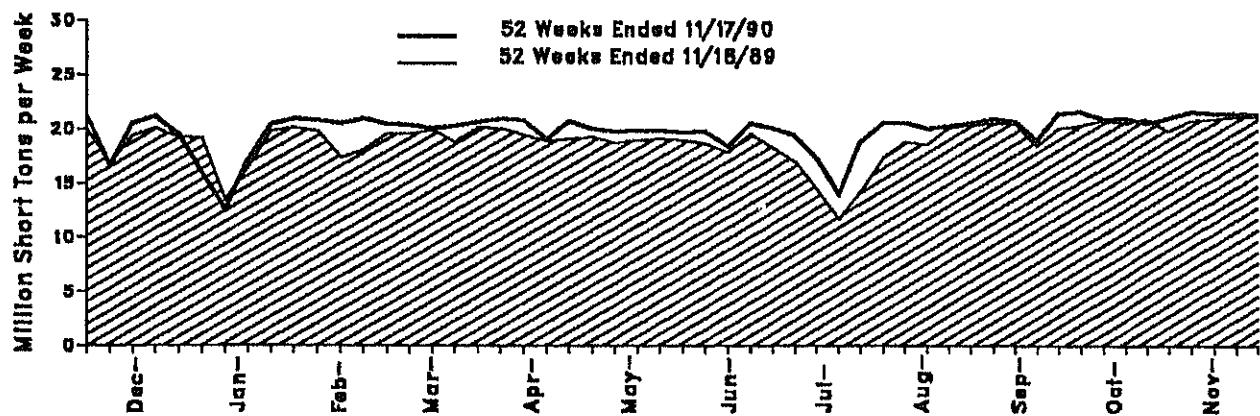


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	11/17/90	11/10/90	11/18/89	11/17/90	11/18/89	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	21,265	21,380	21,090	1,028,944	979,408	5 1
Pennsylvania Anthracite	96	62	74	3,324	3,374	-1.5
U.S. Total	21,361	21,442	21,163	1,032,268	982,782	5 0
Railroad Cars Loaded	135,921	136,683	136,058	6,655,352	6,394,509	

¹ Includes subbituminous coal.

Notes: 1990 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report", and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	11/17/90	11/10/90	11/18/89
Bituminous Coal¹ and Lignite			
East of the Mississippi	12,572	13,044	13,204
Alabama	545	621	639
Illinois	1,180	1,217	1,197
Indiana	975	841	765
Kentucky	3,160	3,540	3,684
Kentucky, Eastern	2,405	2,542	2,716
Kentucky, Western	756	998	968
Maryland	59	62	69
Ohio	744	744	754
Pennsylvania Bituminous	1,580	1,574	1,599
Tennessee	135	143	155
Virginia	844	890	873
West Virginia	3,251	3,414	3,468
West of the Mississippi	8,692	8,336	7,886
Alaska	31	31	44
Arizona	262	283	260
Arkansas	2	2	2
Colorado	426	428	379
Iowa	8	8	7
Kansas	25	25	25
Louisiana	83	64	75
Missouri	62	62	77
Montana	822	785	786
New Mexico	525	456	397
North Dakota	677	647	586
Oklahoma	38	37	39
Texas	1,192	1,198	1,111
Utah	482	479	436
Washington	107	108	109
Wyoming	3,950	3,743	3,563
Bituminous ¹ and Lignite Total	21,265	21,380	21,090
Pennsylvania Anthracite	96	62	74
U.S. Total	21,361	21,442	21,163

¹ Includes subbituminous coal.

Notes: 1990 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Statistics for Electric Utilities, 1981-1990

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		GWh ¹	Percent Coal	
1981	579,374	88.9	153	1.43	598,797	1,203,203	52.4	168,893
1982	601,427	80.4	165	1.42	593,866	1,192,004	53.2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	160	1.39	684,399	1,341,681	55.6	179,727
1985	686,743	88.9	165	1.32	693,841	1,402,128	56.8	156,378
1986	688,964	87.5	158	1.32	685,056	1,385,831	55.7	161,808
1987	721,298	84.6	151	1.31	717,884	1,463,781	56.9	170,797
1988								
January	58,826	85.7	147	1.32	67,850	137,845	57.9	163,561
February	58,871	86.7	149	1.27	61,401	126,267	58.2	160,424
March	59,021	88.8	149	1.27	58,758	120,034	56.1	162,603
April	56,136	87.9	150	1.24	54,135	108,135	55.7	165,750
May	57,920	87.9	150	1.25	58,529	115,195	55.3	168,328
June	59,337	87.1	148	1.25	66,343	132,268	56.8	161,215
July	58,989	86.9	146	1.21	71,749	144,301	56.0	148,234
August	68,898	86.4	145	1.24	75,253	152,377	56.9	141,389
September	63,103	85.2	145	1.27	61,540	124,410	56.5	142,830
October	63,574	86.3	148	1.28	59,561	121,338	57.6	147,130
November	62,015	84.3	146	1.26	59,305	121,054	57.8	150,016
December	63,487	82.6	142	1.27	68,948	136,427	58.6	146,507
Total	727,775	88.3	147	1.26	750,372	1,540,653	57.0	
1989								
January	62,443	82.6	143	1.28	66,619	134,968	58.1	142,403
February	56,634	82.9	145	1.29	62,613	127,194	57.9	137,354
March	63,218	83.4	144	1.28	61,906	126,706	55.9	138,949
April	62,076	82.2	144	1.27	55,929	115,271	55.5	144,596
May	64,796	84.0	145	1.30	58,359	118,956	54.1	150,970
June	61,272	83.9	145	1.26	63,623	128,454	54.6	148,968
July	55,429	83.2	144	1.22	69,705	138,467	53.9	134,859
August	70,147	82.9	145	1.29	70,471	141,710	54.9	133,932
September	64,539	81.1	146	1.27	62,889	126,730	55.9	135,629
October	66,578	80.7	145	1.29	60,541	122,212	55.7	142,270
November	65,570	80.7	144	1.28	60,896	124,154	56.7	147,131
December	60,515	81.9	143	1.27	72,287	147,030	56.8	135,894
Total	753,217	82.4	144	1.28	765,820	1,551,852	55.8	
1990								
January	67,637	82.7	145	1.30	68,060	132,496	55.9	138,358
February	62,280	82.1	146	1.30	58,003	115,898	54.5	143,413
March	67,518	83.1	145	1.31	60,616	122,958	54.5	150,808
April	63,888	82.9	147	1.30	57,661	117,111	55.6	158,318
May	64,958	83.1	148	1.30	59,042	119,644	53.8	163,233
June	63,604	82.4	146	1.29	65,167	132,459	53.2	162,745
July	63,427	82.8	144	1.26	71,020	144,232	54.2	154,979
August	NA	NA	NA	NA	73,200	148,858	54.8	151,996

¹ Gigawatthours

NA Not available.

Note. MM Btu represents million Btu

Sources. Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 4. Coal-Fired Net Generation, August 1990
(Gigawatthours)**

Census Division and State	August 1990	August 1989	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1990	1989	Percent Change	1990	1989
New England	1,506	1,286	18.9	10,476	11,098	-5.6	16.4	17.4
Connecticut	221	224	-1.2	1,645	1,291	27.4	7.5	5.6
Maine	-	-	-	-	-	-	-	-
Massachusetts	980	748	31.0	7,132	7,754	-8.0	27.7	31.0
New Hampshire	304	294	3.3	1,699	2,054	-17.3	29.4	41.0
Rhode Island	*	*	NM	*	*	NM	*	*
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	12,138	12,336	-1.6	90,823	91,342	-5.6	40.4	42.8
New Jersey	820	754	8.7	5,012	5,830	-14.0	22.0	20.6
New York	2,297	2,177	5.5	16,730	16,691	2	19.1	19.3
Pennsylvania	8,021	9,404	-4.1	69,081	68,822	.4	60.3	69.1
East North Central	32,446	30,028	8.1	242,660	235,141	3.2	73.9	73.2
Illinois	4,921	4,649	5.8	36,871	32,303	13.5	43.2	37.8
Indiana	8,763	7,463	17.4	65,071	56,653	14.9	98.3	98.7
Michigan	5,808	5,693	-1.5	43,686	44,735	-2.3	69.7	73.5
Ohio	10,179	9,359	8.8	75,883	80,478	-5.7	89.8	91.6
Wisconsin	2,976	2,864	3.9	21,349	20,972	1.8	71.0	70.9
West North Central	15,295	14,038	3.1	108,511	107,083	1.4	74.9	74.9
Iowa	2,444	2,213	10.4	16,597	18,644	-3	88.0	84.6
Kansas	2,239	2,151	4.1	16,165	15,573	3.8	72.3	67.0
Minnesota	2,209	2,282	-3.2	16,809	16,887	1.3	64.6	66.1
Missouri	4,724	4,922	-4.0	31,172	33,422	-6.7	78.3	84.7
Nebraska	1,216	1,109	9.6	9,250	7,589	21.9	62.8	56.5
North Dakota	2,237	1,944	15.1	16,840	15,568	8.2	92.8	91.8
South Dakota	227	217	4.9	1,579	1,580	-1	35.9	31.5
South Atlantic	32,116	30,050	6.9	211,480	223,729	-5.5	59.0	61.9
Delaware	409	479	-14.5	3,144	3,359	-6.4	63.4	59.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,810	5,600	3.8	39,699	39,379	.8	48.0	48.0
Georgia	7,317	6,386	14.6	44,598	43,359	2.9	68.5	69.6
Maryland	2,079	2,314	-10.1	15,768	16,132	-2.3	78.3	63.4
North Carolina	5,078	4,612	10.1	29,878	33,914	-12.5	54.3	57.8
South Carolina	2,477	2,423	2.2	15,625	16,907	-7.6	33.4	37.3
Virginia	2,124	2,161	-1.7	12,738	17,124	-25.6	38.9	62.6
West Virginia	8,823	8,075	12.3	50,209	53,655	-6.2	99.0	99.0
East South Central	18,433	17,312	6.5	120,813	116,818	3.2	71.9	72.3
Alabama	5,928	5,418	9.4	34,386	35,058	-1.9	66.4	67.5
Kentucky	6,671	6,199	7.6	47,807	44,113	8.4	95.6	93.8
Mississippi	1,231	1,201	2.5	6,609	5,937	11.3	39.2	43.2
Tennessee	4,603	4,495	2.4	31,812	31,710	.3	64.7	64.9
West South Central	17,397	17,637	-1.4	118,922	120,276	-1.1	47.0	48.6
Arkansas	1,978	1,883	17.6	11,945	11,418	4.6	47.8	51.1
Louisiana	1,632	2,009	-18.7	11,054	12,908	-14.4	28.8	35.4
Oklahoma	2,502	2,309	8.3	18,704	15,924	4.9	53.8	53.0
Texas	11,284	11,637	-3.0	79,219	80,026	-1.0	50.0	50.5
Mountain	16,677	17,267	-3.4	123,491	120,523	2.5	78.4	77.0
Arizona	3,061	3,304	-7.4	21,776	21,383	1.8	54.9	58.3
Colorado	2,627	2,682	-2.1	19,880	19,368	2.6	94.2	90.2
Idaho	-	-	-	-	-	-	-	-
Montana	921	1,530	-39.8	9,169	10,192	-10.0	58.0	62.6
Nevada	1,435	1,557	-7.9	9,322	10,905	-14.5	75.9	78.0
New Mexico	2,329	2,491	-6.5	17,578	16,411	7.1	90.0	89.5
Utah	2,758	2,642	4.4	20,940	19,307	8.5	87.6	97.0
Wyoming	3,545	3,059	15.9	24,828	22,947	8.2	97.9	97.6
Pacific	852	976	-12.8	4,701	5,736	-18.0	2.5	3.1
California	-	-	-	-	-	-	-	-
Oregon	80	*	NM	67	440	-84.7	.2	1.4
Washington	749	955	-21.6	4,423	5,087	-13.2	6.3	8.7
Alaska	22	21	5.4	211	199	6.2	7.2	6.9
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	148,858	141,710	3.6	1,031,856	1,031,727	*	54.5	55.6

* For quantity data, the absolute value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

** Percent change calculation not meaningful as value is greater than 500.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 5. Coal Consumption at Electric Utility Plants, August 1990
 (Thousand Short Tons)

Census Division and State	August 1990	July 1990	August 1989	Year to Date		
				1990	1989	Percent Change
New England	571	560	486	3,988	4,187	-4.8
Connecticut	87	84	90	673	522	29.0
Massachusetts	369	380	286	2,658	2,887	-7.9
New Hampshire	115	98	112	657	778	-15.6
Rhode Island	*	*	*	*	*	-
Middle Atlantic	4,949	4,791	5,017	36,817	37,173	-1.0
New Jersey	316	295	298	1,932	2,261	-14.6
New York	946	879	881	6,769	6,703	1.0
Pennsylvania	3,697	3,617	3,838	28,116	28,208	-3
East North Central	15,473	15,387	14,357	115,338	109,860	5.0
Illinois	2,548	2,428	2,379	18,688	16,177	15.5
Indiana	4,357	4,417	3,682	32,338	27,627	17.1
Michigan	2,584	2,661	2,567	19,937	19,732	1.0
Ohio	4,309	4,253	4,110	32,364	34,466	-6.1
Wisconsin	1,675	1,628	1,610	12,010	11,859	1.3
West North Central	9,859	9,367	9,298	68,448	68,847	2.4
Iowa	1,491	1,421	1,359	10,251	10,035	2.2
Kansas	1,408	1,374	1,383	10,216	10,039	1.8
Minnesota	1,464	1,378	1,486	10,620	10,469	1.4
Missouri	2,398	2,302	2,475	15,573	16,534	-5.8
Nebraska	772	805	702	5,948	4,791	22.1
North Dakota	1,910	1,875	1,688	14,437	13,482	7.2
South Dakota	217	214	205	1,504	1,517	-9
South Atlantic	12,929	12,352	12,048	84,028	89,239	-5.8
Delaware	176	206	208	1,318	1,411	-6.6
Florida	2,384	2,297	2,316	16,091	16,100	-1
Georgia	3,067	2,829	2,570	18,175	17,763	2.3
Maryland	798	850	899	6,059	6,173	-1.8
North Carolina	1,984	1,745	1,790	11,471	13,058	-12.2
South Carolina	1,002	971	968	6,253	6,708	-6.8
Virginia	856	814	860	5,019	6,835	-26.6
West Virginia	2,662	2,640	2,437	19,642	21,191	-7.3
East South Central	7,810	7,564	7,331	51,068	49,217	3.8
Alabama	2,437	2,209	2,221	14,232	14,309	-5
Kentucky	2,941	3,064	2,786	20,934	19,339	8.2
Mississippi	507	499	484	2,708	2,438	11.1
Tennessee	1,925	1,792	1,859	13,195	13,131	.5
West South Central	12,078	11,579	12,020	81,563	83,530	-2.4
Arkansas	1,203	1,293	1,018	7,372	6,950	6.1
Louisiana	1,245	1,137	1,267	7,515	8,429	-10.8
Oklahoma	1,467	1,403	1,379	9,834	9,527	3.2
Texas	8,160	7,747	8,357	56,841	58,625	-3.0
Mountain	9,186	8,931	8,288	66,359	65,387	1.5
Arizona	1,545	1,658	1,724	10,891	10,738	1.4
Colorado	1,403	1,403	1,439	10,644	10,355	2.8
Montana	584	619	953	5,791	6,470	-10.5
Nevada	937	657	756	4,762	5,321	-10.5
New Mexico	1,367	1,387	1,448	10,235	10,101	1.3
Utah	1,186	1,198	1,155	8,876	8,404	6.8
Wyoming	2,144	2,011	1,818	15,060	13,989	7.6
Pacific	566	488	628	3,158	3,788	-16.6
Oregon	55	*	*	55	306	-82.0
Washington	491	462	600	2,916	3,300	-11.6
Alaska	20	25	17	187	181	3.0
U.S. Total..	73,200	71,020	70,471	510,768	509,228	.3

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Stocks at Electric Utility Plants, August 1990
 (Thousand Short Tons)

Census Division and State	August 31, 1990	July 31, 1990	August 31, 1989	Percent Change August 31: 1990 versus 1989
New England	1,392	1,473	1,119	24.4
Connecticut	149	213	137	8.3
Massachusetts	844	849	774	9.0
New Hampshire	372	383	180	106.9
Rhode Island	28	28	28	*
Middle Atlantic	15,863	15,738	13,138	20.7
New Jersey	720	782	539	33.6
New York	1,561	1,672	1,243	25.6
Pennsylvania	13,582	13,284	11,356	19.6
East North Central	37,155	36,730	34,207	8.6
Illinois	7,141	7,423	9,253	-22.8
Indiana	9,367	9,320	7,898	21.7
Michigan	7,676	7,191	7,063	8.7
Ohio	9,097	8,926	5,905	54.0
Wisconsin	3,875	3,870	4,287	-9.6
West North Central	19,408	20,023	19,327	.4
Iowa	3,876	4,024	3,925	-1.3
Kansas	3,457	3,536	3,491	-1.0
Minnesota	2,055	2,243	2,055	*
Missouri	5,017	5,097	4,063	23.5
Nebraska	1,513	1,618	1,730	-12.5
North Dakota	3,197	3,221	3,773	-15.3
South Dakota	291	284	289	9
South Atlantic	26,802	27,284	19,575	36.9
Delaware	461	399	252	82.7
Florida	4,802	5,152	4,619	4.0
Georgia	5,638	6,131	4,545	24.0
Maryland	1,765	1,592	1,290	30.9
North Carolina	4,385	4,490	2,668	64.4
South Carolina	1,829	1,930	1,326	38.0
Virginia	1,414	1,530	953	48.3
West Virginia	6,509	6,054	3,922	65.9
East South Central	15,231	16,347	11,864	30.6
Alabama	4,051	4,660	3,654	10.9
Kentucky	8,761	8,815	4,148	63.0
Mississippi	710	882	718	-11
Tennessee	3,708	3,991	3,144	18.0
West South Central	16,793	17,683	18,217	3.6
Arkansas	1,826	2,045	2,629	-30.5
Louisiana	2,225	2,362	2,296	-3.1
Oklahoma	2,912	3,138	2,916	-1
Texas	9,828	10,137	8,376	17.3
Mountain	17,013	17,351	18,957	.3
Arizona	2,702	2,926	3,669	-26.4
Colorado	3,622	3,634	3,976	-8.9
Montana	890	847	855	4.7
Nevada	1,179	1,458	994	18.5
New Mexico	1,371	1,345	1,123	22.1
Utah	3,728	3,521	3,067	21.6
Wyoming	3,515	3,620	3,273	7.4
Pacific	2,330	2,350	1,727	35.4
Oregon	846	581	480	34.5
Washington	1,691	1,766	1,243	38.1
Alaska	2	2	5	-51.0
S. Total	151,996	154,979	133,932	13.5

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note. Total may not equal sum of components because of independent rounding.

Source Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Receipts at Electric Utility Plants, July 1990
 (Thousand Short Tons)

Census Division and State	July 1990	June 1990	July 1989	Year to Date		
				1990	1989	Percent Change
New England	427	518	498	3,807	3,671	3.7
Connecticut	63	87	99	610	463	31.7
Massachusetts	297	334	361	2,499	2,711	-7.9
New Hampshire	67	97	38	699	496	40.7
Middle Atlantic	4,195	4,618	3,359	34,554	31,424	10.0
New Jersey	75	291	138	1,752	1,903	-7.9
New York	705	864	625	6,131	5,618	9.1
Pennsylvania	3,415	3,463	2,597	26,671	23,903	11.6
East North Central	14,324	14,387	11,357	98,962	87,906	12.6
Illinois	2,108	2,134	1,785	15,433	14,147	9.1
Indiana	3,889	3,877	2,588	28,596	21,385	33.7
Michigan	2,675	2,957	2,701	14,726	14,379	2.4
Ohio	4,184	4,060	3,027	30,090	27,974	7.6
Wisconsin	1,467	1,359	1,247	10,118	10,022	1.0
West North Central	8,475	7,868	8,157	60,177	57,937	3.9
Iowa	1,308	1,245	1,353	8,831	8,212	7.5
Kansas	1,336	1,210	1,257	8,296	8,972	3.6
Minnesota	1,134	1,229	1,153	9,630	8,580	12.2
Missouri	1,908	1,713	1,725	13,972	14,215	-1.7
Nebraska	813	704	700	5,034	4,274	17.8
North Dakota	1,780	1,682	1,784	12,280	12,521	-1.9
South Dakota	197	183	185	1,135	1,162	-2.3
South Atlantic	10,274	10,739	8,233	77,695	72,851	6.8
Delaware	165	151	54	1,281	1,061	20.7
Florida	1,857	2,181	1,640	14,358	13,720	4.6
Georgia	2,575	2,356	1,944	16,079	14,826	9.9
Maryland	727	818	718	5,825	5,016	16.1
North Carolina	1,348	1,393	1,088	11,187	10,037	11.5
South Carolina	825	856	750	5,343	5,402	-1.1
Virginia	635	520	589	4,334	5,728	-24.3
West Virginia	2,142	2,464	1,450	19,287	17,260	11.7
East South Central	6,334	7,105	4,738	48,830	42,649	14.5
Alabama	1,783	1,874	1,395	12,832	12,164	5.5
Kentucky	2,635	3,002	2,036	21,285	17,547	21.3
Mississippi	308	396	277	2,342	2,043	14.7
Tennessee	1,608	1,834	1,030	12,371	10,895	13.5
West South Central	10,912	10,365	10,923	68,964	70,834	-2.6
Arkansas	1,062	923	1,025	6,049	6,448	-6.2
Louisiana	943	945	1,095	6,009	6,767	-11.2
Oklahoma	1,170	937	1,292	8,476	8,454	.3
Texas	7,737	7,860	7,522	48,430	49,164	-1.5
Mountain	7,951	7,570	7,710	57,058	55,286	3.2
Arizona	1,075	1,268	1,182	8,838	8,513	3.8
Colorado	1,225	1,334	1,187	8,931	9,082	-1.7
Montana	596	583	872	5,262	5,487	-4.1
Nevada	772	425	670	4,280	4,205	1.8
New Mexico	1,416	1,278	1,328	8,881	8,400	5.7
Utah	952	945	904	8,037	7,304	10.0
Wyoming	1,916	1,738	1,575	12,830	12,296	4.3
Pacific	534	435	445	3,284	3,310	-1.4
Oregon	101	-	-	101	-	-
Washington	433	435	445	3,163	3,310	-4.4
U.S. Total	63,427	63,604	55,429	453,312	425,888	6.4

Note. Total may not equal sum of components because of independent rounding

Source Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

**Table 8. Quality and Price of Coal Receipts at Electric Utility Plants,
July 1990**

Census Division and State	July 1990		July 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.92	183	0.90	173	0.94	180	0.95	167	-0.9	7.4
Connecticut . . . . .	.41	217	.41	214	.41	211	.39	218	6.5	-3.1
Massachusetts . . . . .	.89	178	.98	161	.96	172	.93	158	3.3	8.5
New Hampshire	1.57	176	1.42	174	1.33	178	1.57	167	-15.1	7.0
Mid Atlantic	1.75	155	1.65	152	1.64	155	1.58	148	3.7	4.8
New Jersey	1.43	179	.87	179	.83	178	.85	174	-2.6	3.1
New York	1.48	161	1.48	153	1.44	161	1.34	156	7.9	2.9
Pennsylvania	1.81	154	1.73	150	1.74	152	1.70	143	2.5	5.7
East North Central	1.57	150	1.56	156	1.67	153	1.69	155	-1.6	-1.4
Illinois	1.82	177	1.77	189	1.93	176	1.03	182	5.0	-3.6
Indiana	1.86	132	2.13	130	1.91	139	2.17	138	-11.7	1.2
Michigan . . . . .	.55	165	.57	174	.64	168	.59	178	6.9	-8.8
Ohio	1.99	149	2.03	144	2.04	152	2.08	148	-2.0	4.0
Wisconsin . . . . .	.92	136	.88	150	.84	137	.87	144	-3.2	-5.3
West North Central	1.10	114	1.05	116	1.11	115	1.16	116	-4.2	-.4
Iowa . . . . .	.96	117	.82	121	.78	112	.85	124	-9.9	-9.6
Kansas . . . . .	.63	126	.84	125	.68	125	.69	122	-.8	2.2
Minnesota . . . . .	.54	130	.57	129	.56	133	.63	129	-11.3	3.4
Missouri	1.89	137	1.78	141	1.87	138	2.03	134	-2.8	3.2
Nebraska . . . . .	.40	77	.41	82	.42	77	.42	87	.1	-11.5
North Dakota	1.19	68	1.12	70	1.22	.69	1.10	70	11.1	-1.2
South Dakota	1.58	111	1.48	123	1.51	117	1.49	125	1.6	-6.5
South Atlantic	1.21	167	1.24	166	1.23	168	1.20	164	2.7	2.5
Delaware . . . . .	.73	185	.67	187	.73	183	.79	179	-8.0	2.2
Florida	1.45	185	1.49	182	1.43	185	1.43	178	2	4.1
Georgia	1.23	171	1.35	170	1.39	173	1.35	173	2.7	-3
Maryland	1.15	165	1.03	168	1.11	185	1.08	159	2.3	3.5
North Carolina . . . . .	.78	176	.74	175	.75	179	.73	175	4.1	2.1
South Carolina . . . . .	.97	170	.87	170	.93	172	.88	172	5.7	0
Virginia . . . . .	.73	149	.77	154	.75	156	.71	152	4.8	3.0
West Virginia	1.55	147	1.73	136	1.51	146	1.50	140	6	4.6
East South Central	1.75	148	1.83	148	1.79	144	1.80	143	-.7	.4
Alabama	1.23	192	1.43	196	1.25	186	1.33	188	-6.0	-6
Kentucky	2.26	121	2.42	117	2.25	119	2.31	114	-2.9	4.9
Mississippi	1.43	164	1.23	163	1.37	164	1.20	170	14.1	-4.0
Tennessee	1.61	138	1.42	137	1.66	136	1.65	134	1.0	1.4
West South Central . . . . .	.85	144	.81	146	.84	148	.80	148	4.9	.6
Arkansas . . . . .	.37	147	.39	160	.40	166	.39	163	1.4	1.8
Louisiana . . . . .	.60	170	.57	168	.61	170	.61	162	-.6	5.1
Oklahoma . . . . .	.50	143	.49	140	.53	139	.49	136	10.1	2.4
Texas	1.03	140	.99	141	1.00	145	.96	145	4.6	-4
Mountain . . . . .	.56	109	.60	110	.56	114	.55	112	.9	1.2
Arizona . . . . .	.46	131	.45	130	.46	145	.46	139	.1	4.1
Colorado . . . . .	.40	104	.37	106	.39	108	.37	107	5.0	1.1
Montana . . . . .	.73	70	1.01	.59	.73	.66	.81	.55	-9.9	19.8
Nevada . . . . .	.48	137	.48	137	.48	152	.47	142	1.8	6.8
New Mexico . . . . .	.85	125	.91	124	.87	130	.86	125	1.7	3.6
Utah . . . . .	.43	116	.41	124	.44	113	.43	126	2.7	-10.3
Wyoming . . . . .	.59	79	.63	89	.60	83	.58	85	3.2	-2.1
Pacific . . . . .	.69	152	.84	156	.84	159	.81	154	3.7	2.8
Oregon . . . . .	.38	111	—	—	.38	111	—	—	—	—
Washington . . . . .	.76	162	.84	156	.86	160	.81	154	5.5	3.8
U.S. Total	1.26	144	1.22	144	1.29	146	1.27	144	1.7	1.1

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, July 1990

Census Division and State	July 1990		July 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.95	183	0.82	175	0.96	179	0.84	168	13.1	6.5
Connecticut .....	.41	217	.41	218	.41	212	.39	224	64	-52
Massachusetts .....	.96	172	.98	159	.99	168	.93	157	58	71
New Hampshire	1.62	175	-	-	1.40	178	-	-	-	-
Mid Atlantic	1.83	160	1.73	163	1.71	158	1.65	153	3.5	3.0
New Jersey	1.53	178	.93	178	.83	178	.91	174	-91	21
New York	1.44	163	1.33	162	1.45	162	1.30	162	117	-1
Pennsylvania	1.91	159	1.88	162	1.84	155	1.79	150	28	38
East North Central	1.65	160	1.53	168	1.71	160	1.71	164	.2	-2.1
Illinois	1.93	189	1.81	197	2.00	184	1.88	188	6.2	-19
Indiana	1.89	135	2.32	141	1.95	143	2.20	144	-117	-5
Michigan .....	.56	172	.56	178	.61	169	.59	181	4.3	-6.6
Ohio	2.10	165	2.06	168	2.18	165	2.21	162	-25	22
Wisconsin	1.02	146	.92	153	.91	143	.89	145	20	-1.2
West North Central	1.09	114	1.01	116	1.10	117	1.13	117	-3.2	-1
Iowa	1.00	123	.77	130	.80	121	.74	128	8.0	-54
Kansas .....	.46	128	.68	125	.45	125	.54	125	-16.6	-3
Minnesota .....	.53	130	.55	129	.54	135	.62	129	-13.1	4.0
Missouri	1.98	140	1.77	141	2.08	141	2.08	138	1	38
Nebraska .....	.40	79	.41	83	.41	80	.43	89	-37	-10.5
North Dakota	1.19	66	1.12	70	1.22	.69	1.10	70	10.8	-2.0
South Dakota	1.58	111	1.48	123	1.51	117	1.49	125	16	-8.5
South Atlantic	1.24	177	1.22	174	1.24	175	1.20	172	3.1	1.7
Delaware .....	.69	188	.67	187	.73	183	.78	181	-6.4	8
Florida	1.37	193	1.28	193	1.34	193	1.29	189	3.8	2.5
Georgia	1.35	184	1.34	179	1.43	180	1.41	181	1.5	-6
Maryland	1.13	166	1.19	162	1.11	167	1.14	162	-2.2	3.1
North Carolina .....	.79	184	.74	181	.75	183	.73	180	3.8	1.9
South Carolina .....	.98	176	.86	176	.93	177	.90	180	4.3	-1.5
Virginia .....	.77	157	.75	152	.78	157	.72	153	51	24
West Virginia	1.62	157	1.77	148	1.58	157	1.53	152	3.6	3.4
East South Central	1.84	155	1.76	161	1.87	152	1.80	158	4.0	-3.0
Alabama	1.13	207	1.25	217	1.10	204	1.24	200	-11.6	21
Kentucky	2.53	122	2.56	125	2.62	121	2.61	123	3	-1.7
Mississippi	1.28	170	1.07	169	1.14	170	1.06	177	7.1	-4.0
Tennessee	1.68	142	1.40	143	1.72	140	1.71	139	10	.6
West South Central .....	.86	145	.81	146	.85	149	.79	143	7.4	4.1
Arkansas .....	.37	147	.39	160	.40	166	.39	163	14	1.8
Louisiana .....	.60	170	.57	166	.61	170	.60	163	7	4.4
Oklahoma .....	.49	146	.46	141	.51	142	.48	137	6.6	3.6
Texas	1.04	140	.99	141	1.02	145	.97	138	5.8	5.3
Mountain .....	.57	111	.81	112	.56	116	.56	114	.8	1.8
Arizona .....	.46	131	.45	130	.48	145	.46	139	.1	4.1
Colorado .....	.40	105	.37	107	.39	109	.37	108	5.4	.9
Montana .....	.73	70	1.01	.59	.73	.68	.81	.55	-9.9	19.8
Nevada .....	.48	137	.48	137	.48	152	.47	142	1.8	6.8
New Mexico .....	.85	125	.91	124	.87	130	.86	125	1.7	3.6
Utah .....	.43	117	.41	127	.43	115	.42	128	2.5	-10.6
Wyoming .....	.60	81	.66	92	.62	.86	.60	.87	3.0	-1.2
Pacific .....	.70	153	.89	160	.90	163	.87	161	3.7	.9
Oregon .....	.38	111	-	-	.38	111	-	-	-	-
Washington .....	.78	165	.89	160	.92	165	.87	161	5.9	21
U.S. Total	1.27	148	1.16	148	1.29	150	1.25	148	3.2	1.1

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source. Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, July 1990

Census Division and State	July 1990		July 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
West New England	0.87	184	1.06	168	0.91	182	1.19	166	-23.8	9.7
Connecticut	-	-	.42	180	43	198	39	178	8.8	11.5
Massachusetts	79	184	99	165	91	180	93	163	-2.3	10.3
New Hampshire	1.43	177	1.42	174	1.05	186	1.57	167	-33.1	10.8
Mid-Atlantic	1.47	140	1.49	133	1.41	145	1.37	132	3.1	10.0
New Jersey .....	.58	181	.57	185	.88	190	.72	173	22.3	10.1
New York	1.58	159	1.66	142	1.42	159	1.41	145	8	9.7
Pennsylvania	1.45	133	1.46	128	1.43	139	1.43	124	4	12.6
West North Central	1.33	125	1.64	116	1.50	127	1.62	118	-7.2	7.9
Illinois	1.40	132	1.43	123	1.56	133	1.34	125	16.4	5.9
Indiana	1.70	115	1.66	104	1.75	119	2.00	108	-12.7	10.8
Michigan .....	.53	144	.65	139	.72	151	.63	151	14.0	.2
Ohio	1.66	121	1.98	114	1.79	123	1.80	111	-1	10.9
Wisconsin .....	.71	117	.68	136	.84	117	.73	142	-11.8	-17.2
East North Central	1.15	109	1.40	118	1.18	107	1.37	106	-14.5	1.3
Iowa .....	.86	101	.94	102	.67	92	1.45	105	-53.5	-11.8
Kansas	1.93	128	2.79	120	2.21	128	1.44	107	53.7	17.3
Minnesota .....	.96	126	1.08	128	.80	113	.76	117	5.2	-3.8
Missouri	1.43	125	1.80	138	1.52	125	1.67	117	-8.9	6.6
Nebraska .....	.41	69	.36	70	.45	68	.36	87	26.0	.9
North Dakota	-	-	-	-	-	-	1.00	48	-	-
South Atlantic	1.14	142	1.30	146	1.21	144	1.19	138	1.4	3.9
Delaware .....	.85	173	-	-	.73	184	.89	161	-18.5	13.8
Florida	1.91	142	2.17	145	1.80	150	1.85	144	-2.6	4.1
Georgia	1.04	149	1.35	147	1.28	152	1.18	151	7.1	1.0
Maryland	1.19	163	.82	175	1.10	161	.96	153	15.3	4.8
North Carolina .....	.79	144	.74	149	.76	155	.71	144	6.0	7.9
South Carolina .....	.95	158	.88	159	.92	157	.85	155	8.4	1.3
Virginia .....	.62	129	.78	150	.73	155	.71	150	2.7	3.3
West Virginia	1.34	114	1.64	113	1.30	114	1.42	102	-8.2	12.2
West South Central	1.44	123	2.03	108	1.54	121	1.78	107	-13.9	12.9
Alabama	1.64	130	2.10	118	1.79	126	1.83	121	-2.2	4.2
Kentucky	1.33	117	2.15	100	1.43	118	1.90	101	-24.6	15.2
Mississippi	1.89	146	2.02	134	1.84	147	1.88	135	3.4	8.9
Tennessee	1.29	120	1.53	113	1.44	122	1.39	113	3.9	7.8
East South Central .....	.52	127	.71	120	.57	128	.86	184	-34.0	-31.3
Louisiana	-	-	-	-	-	-	.87	131	-	-
Oklahoma .....	.60	118	.80	124	.69	121	.56	125	23.3	-3.4
Texas .....	.44	134	.41	109	.47	130	.90	193	-47.8	-32.7
Mountain .....	.47	87	.40	89	.45	87	.40	86	12.3	1.0
Colorado .....	.38	98	.38	97	.38	101	.38	98	2.4	2.8
Utah .....	.46	105	.43	106	.48	104	.49	103	-2.2	1.4
Wyoming .....	.53	69	.38	58	.49	66	.39	63	25.7	4.3
Pacific .....	.57	127	.38	123	.36	128	.49	117	-26.0	9.0
Washington .....	.57	127	.38	123	.36	128	.49	117	-26.0	9.0
S. Total	1.22	129	1.47	126	1.31	130	1.37	127	-4.4	1.9

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, July 1990

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	329	262	716	204	286	175	1,332	212	1.07	44.1	-0.5	-4.0
Arizona	1,079	103	-	-	-	-	1,079	103	.46	-4.9	5	3.9
Colorado	1,053	131	10	108	-	-	1,063	131	.40	26.0	3.5	4.9
Illinois	-	-	718	164	3,386	155	4,104	157	2.39	25.3	-1.5	3.4
Indiana	33	152	272	127	2,268	126	2,573	126	2.34	26.0	3	-7
Iowa	-	-	-	-	7	160	7	160	2.96	75.0	4.5	-36.0
Kansas	-	-	-	-	51	122	51	122	2.53	-57.7	-7.4	-35.5
Kentucky	1,249	166	6,029	167	3,176	127	10,455	155	1.43	18.5	-5	1.3
Louisiana	-	-	299	129	-	-	289	129	.76	21.1	-4.1	-9
Maryland	-	-	215	163	-	-	215	163	1.21	42.6	14.5	-6.4
Missouri	-	-	-	-	140	172	140	172	3.78	-16.4	8.3	-16.7
Montana	1,529	182	1,207	108	-	-	2,736	151	.51	-19.3	6.7	-20.3
New Mexico	274	165	1,583	132	-	-	1,857	138	.77	3.8	-9	-3.8
North Dakota	-	-	1,793	70	184	73	1,977	70	1.23	4	-6.3	6.8
Ohio	1	175	171	144	2,215	147	2,387	146	2.88	16.7	-2.7	1.1
Oklahoma	22	155	35	146	6	105	62	145	1.11	-16.4	.2	-25.0
Pennsylvania	128	184	2,484	155	1,052	158	3,674	156	1.48	19.0	1.8	4.8
Tennessee	41	125	246	144	71	133	357	139	1.17	2.9	1.8	5.5
Texas	-	-	3,887	92	864	115	4,552	96	1.58	3.2	-1.1	3.4
Utah	1,076	127	57	136	-	-	1,133	127	.44	8.1	-1.5	5.2
Virginia	193	183	1,177	162	-	-	1,370	165	.93	-5.4	.1	3.3
Washington	-	-	401	165	-	-	401	165	.78	.0	3.0	-12.5
West Virginia	1,720	173	2,618	156	1,774	143	6,113	157	1.34	73.3	2.6	-4.6
Wyoming	14,918	135	533	93	-	-	15,450	133	.44	10.0	-5.5	6
Imported	40	153	-	-	-	-	40	153	.47	-65.0	-21.8	-5.8
U.S. Total.	23,685	145	24,262	146	15,480	141	63,427	144	1.26	14.4	.1	3.2

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-July 1990

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	2,538	258	4,554	187	2,523	185	9,614	206	1.09	16.2	1.6	0.9
Arizona	6,218	109	-	-	-	-	8,218	109	.46	-8.8	3.9	1.3
Colorado	8,730	142	150	218	-	-	8,880	143	.39	15.3	5.3	4.8
Illinois	-	-	5,972	165	25,426	154	31,398	156	2.41	1.3	-5	3.1
Indiana	379	152	1,930	128	16,164	128	18,472	128	2.27	23.2	1.3	-6
Iowa	-	-	-	-	36	163	36	163	3.59	71.4	8.7	-3.7
Kansas	-	-	-	-	428	120	428	120	2.57	24.6	-4.1	-23.3
Kentucky	10,253	169	40,400	169	25,198	125	75,851	155	1.49	11.3	6	2.5
Louisiana	-	-	1,800	135	-	-	1,800	135	.80	13.4	5.7	-4.8
Maryland	-	-	1,519	157	44	110	1,562	156	1.25	20.2	7.5	-3.7
Missouri	-	-	-	-	1,403	171	1,403	171	3.96	-19.0	29.2	-5.9
Montana	7,325	191	11,505	108	-	-	18,830	142	.59	-1.8	5.4	-7.1
New Mexico	3,700	184	9,811	135	-	-	13,310	149	.74	6.6	3.1	1.5
North Dakota	-	-	12,436	73	979	63	13,416	73	1.24	-2.0	-2.0	10.0
Ohio	24	151	1,137	143	16,527	150	17,888	150	2.84	1.4	-2.2	1.8
Oklahoma	388	147	315	143	152	112	856	139	1.28	46.6	-8	-33.2
Pennsylvania	1,225	174	20,442	154	8,279	152	29,946	154	1.46	12.9	4.7	3.3
Tennessee	118	123	2,238	154	563	136	2,919	149	1.14	10.9	7.9	9.6
Texas	-	-	19,165	104	8,075	111	28,240	106	1.55	1.1	2.2	2.0
Utah	8,380	115	567	153	-	-	8,947	118	.44	9.8	-9.1	7
Virginia	1,907	187	7,867	165	9	155	9,842	170	.87	-8.4	3.1	-8
Washington	-	-	2,815	165	-	-	2,815	165	.92	-3.2	3.6	6.2
West Virginia	13,483	169	22,713	160	14,191	142	50,387	157	1.31	6.5	4.2	1.5
Wyoming	93,688	136	5,947	101	9	136	99,844	134	.44	6.2	-3.5	-8
Imported	221	179	587	177	-	-	808	178	.61	32.5	1.8	8.3
U.S. Total	158,635	148	173,668	149	121,008	140	453,312	146	1.29	6.4	1.1	1.7

Notes. Totals may not equal sum of components because of independent rounding MM Btu represents million Btu

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama	12,832	12,164	76.8	84.3	1.25	1.33	186	188
Alabama	9,453	8,219	94.7	94.9	1.08	1.08	207	203
Illinois	412	534	-	4.7	2.03	1.98	112	109
Indiana	459	151	-	-	2.05	2.84	117	105
Kentucky	1,434	1,280	34.4	57.7	2.03	2.10	133	128
Ohio	366	1,503	93.2	100.0	2.02	1.99	118	208
Tennessee	487	441	13.3	35.1	.67	.60	124	122
West Virginia	4	36	-	100.0	.51	.60	151	124
Wyoming	216	-	-	-	.44	-	170	-
Arizona	8,838	8,513	100.0	100.0	.46	.46	145	139
Arizona	3,973	4,111	100.0	100.0	.44	.44	101	89
Colorado	609	320	100.0	100.0	.32	.34	175	171
New Mexico	4,257	4,081	100.0	100.0	.50	.49	187	182
Arkansas	6,049	6,448	100.0	100.0	.40	.39	166	163
Wyoming	6,049	6,448	100.0	100.0	.40	.39	166	163
Colorado	8,931	9,082	87.7	88.0	.39	.37	108	107
Colorado	5,853	5,806	81.3	83.6	.39	.37	108	109
New Mexico	-	11	-	-	-	.42	-	131
Wyoming	3,077	3,265	100.0	96.1	.39	.37	106	102
Connecticut	810	463	91.6	87.3	.41	.39	211	218
Kentucky	610	463	91.6	87.3	.41	.39	211	218
Delaware	1,281	1,061	73.3	89.0	.73	.70	183	179
Kentucky	117	24	14.2	75.0	.52	.61	194	177
Maryland	21	7	100.0	100.0	1.11	1.16	141	139
Pennsylvania	193	269	43.4	78.8	1.09	1.19	165	170
Virginia	181	14	47.8	100.0	.67	.72	196	202
West Virginia	769	747	95.2	92.9	.67	.66	183	182
Florida	14,358	13,720	81.4	76.5	1.43	1.43	185	178
Alabama	-	13	-	-	-	2.55	-	114
Illinois	2,445	2,369	89.3	100.0	2.41	2.36	208	197
Indiana	292	303	-	25.3	2.84	2.09	108	121
Kentucky	9,287	8,814	76.9	68.5	1.30	1.29	179	172
Tennessee	62	30	100.0	100.0	.83	.78	219	214
Virginia	517	480	100.0	100.0	.58	.58	249	232
West Virginia	1,195	1,262	88.5	86.1	.98	.99	184	182
Imported coal Colombia	479	412	100.0	100.0	.65	.61	177	173
Imported coal Venezuela	80	37	-	-	.55	.38	162	141
Georgia	16,079	14,826	75.2	78.1	1.39	1.35	173	173
Alabama	161	43	14.4	-	1.60	1.59	155	152
Illinois	2,960	3,022	93.6	100.0	2.50	2.19	167	184
Kentucky	8,632	8,273	72.6	67.2	1.28	1.25	168	163
Montana	-	54	-	-	-	.34	-	181
Tennessee	999	525	62.0	92.3	1.06	.70	187	205
Virginia	1,833	1,933	81.7	67.6	1.07	1.11	176	187
West Virginia	864	752	100.0	100.0	.57	.54	246	240
Wyoming	829	-	9.3	-	.38	-	124	-
Imported coal Colombia	-	23	-	-	-	.54	-	173
Illinois	15,433	14,147	84.7	91.8	1.93	1.83	178	182
Illinois	9,095	8,151	80.1	86.0	2.71	2.87	147	151
Indiana	1,275	1,141	72.1	67.1	1.59	1.32	124	127
Kentucky	1,282	955	38.8	63.9	.85	.61	155	163
Montana	1,633	1,613	100.0	99.2	.39	.38	292	282
New Mexico	111	-	-	-	.43	-	170	-
West Virginia	152	160	15.2	58.1	.52	.52	158	167
Wyoming	1,886	2,127	95.3	98.5	.42	.48	293	290
Indiana	28,590	21,385	84.0	82.8	1.91	2.17	139	138
Colorado	366	-	100.0	-	.39	-	300	-
Illinois	5,553	5,025	88.0	88.0	2.40	2.43	160	161
Indiana	12,272	10,298	82.9	85.1	2.39	2.47	126	123
Kentucky	2,834	2,449	89.1	79.7	2.34	2.43	136	126
Montana	399	142	65.1	77.3	.39	.35	242	257
Ohio	40	7	-	-	2.17	1.83	125	130
West Virginia	253	204	89.8	38.9	.55	.82	207	177
Wyoming	6,878	3,259	81.9	73.1	.39	.44	129	152
Iowa	8,831	8,212	70.3	86.1	.76	.85	112	124
Illinois	654	911	88.4	68.1	2.51	2.57	162	150
Indiana	492	340	59.5	52.7	2.22	2.18	138	129
Iowa	36	21	100.0	100.0	3.59	3.72	163	150
Kentucky	9	53	-	-	2.73	2.34	124	136
Wyoming	7,639	6,886	69.4	90.8	.43	.44	105	119

See footnotes at end of table

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kansas	9,296	8,972	89.3	84.9	0.68	0.69	125	122
Colorado	137	-	100.0	-	.32	-	118	-
Illinois	758	469	18.1	20.7	2.56	2.66	147	139
Kansas	196	306	-	45.2	2.45	3.41	121	125
Wyoming	8,204	8,197	97.8	90.0	.41	.42	123	121
Kentucky	21,285	17,547	69.6	59.5	2.25	2.31	119	114
Illinois	91	9	88.6	-	1.59	1.72	135	116
Indiana	1,571	1,296	60.9	42.0	2.40	2.12	110	105
Kentucky	17,115	14,347	73.4	64.0	2.44	2.52	118	114
Ohio	179	88	57.7	57.0	2.36	2.15	150	132
Pennsylvania	11	4	-	100.0	2.03	2.22	107	157
Tennessee	336	289	82.9	1	2.09	2.04	121	102
Virginia	60	-	100.0	-	.58	-	158	-
West Virginia	1,808	1,503	39.8	42.9	.63	.66	129	116
Wyoming	113	-	34.5	-	.35	-	124	-
Louisiana	6,009	6,767	100.0	86.3	.61	.61	170	162
Louisiana	1,800	1,588	100.0	84.4	.80	.84	135	128
West Virginia	159	105	100.0	100.0	.52	.50	205	203
Wyoming	4,051	5,074	100.0	100.0	.54	.56	180	169
Maryland	5,825	5,016	66.8	70.3	1.11	1.08	165	159
Kentucky	304	443	73.0	90.1	.56	.58	161	163
Maryland	979	787	46.4	56.7	1.22	1.23	171	165
Pennsylvania	1,418	1,417	93.4	95.6	1.47	1.49	180	169
West Virginia	3,123	2,231	80.6	59.5	.97	.92	156	149
Imported coal Colombia	-	138	-	-	-	.48	-	190
Massachusetts	2,498	2,711	69.8	78.9	.96	.93	172	158
Kentucky	7	23	-	-	.70	.69	172	138
Maryland	40	-	-	-	.75	-	185	-
Pennsylvania	639	456	35.9	4.4	1.09	1.03	173	164
Virginia	792	1,194	96.2	100.0	.95	.90	173	161
West Virginia	887	1,039	84.9	89.0	.87	.93	168	154
Imported coal Colombia	64	-	-	-	.61	-	179	-
Imported coal Venezuela	70	-	-	-	.48	-	181	-
Michigan	14,726	14,379	80.0	88.5	.84	.59	166	178
Indiana	112	100	78.5	87.5	2.44	2.31	162	161
Kentucky	3,928	3,947	72.6	88.9	.72	.64	180	198
Montana	5,160	5,302	98.4	100.0	.36	.38	158	158
Ohio	73	80	100.0	100.0	2.99	2.65	210	208
Pennsylvania	1,055	933	72.9	81.9	1.09	1.02	158	173
Virginia	113	354	100.0	100.0	1.09	.80	188	175
West Virginia	3,224	3,398	76.6	77.8	.66	.57	171	183
Wyoming	1,061	286	41.9	-	.31	.33	111	118
Minnesota	8,630	8,580	93.2	94.9	.56	.63	133	129
Illinois	26	37	100.0	100.0	1.31	1.38	186	195
Indiana	30	42	84	-	1.77	1.56	161	138
Kentucky	8	-	56.6	-	.91	-	189	-
Montana	5,379	5,318	89.0	93.0	.75	.81	137	131
North Dakota	1	-	100.0	-	.87	-	174	-
Pennsylvania	3	-	100.0	-	1.02	-	176	-
West Virginia	2	-	100.0	-	.95	-	169	-
Wyoming	4,181	3,188	99.2	99.4	.30	.31	127	124
Mississippi	2,342	2,043	70.7	83.1	1.37	1.20	164	170
Illinois	680	606	88.9	89.4	2.02	1.99	150	146
Indiana	16	-	-	-	4.29	-	127	-
Kentucky	1,646	1,415	83.9	81.7	1.07	.86	170	181
West Virginia	-	22	-	-	-	1.12	-	144
Missouri	13,872	14,215	79.8	87.5	1.97	2.03	138	134
Colorado	110	9	100.0	100.0	.40	.31	159	139
Illinois	7,218	8,171	84.8	90.5	2.21	2.17	152	149
Indiana	115	55	100.0	49.1	2.90	1.09	122	123
Kansas	232	37	4	41.1	2.68	2.86	120	128
Kentucky	742	-	99.1	-	2.53	-	124	-
Missouri	1,403	1,733	97.5	89.0	3.96	4.21	171	132
New Mexico	18	-	-	-	.34	-	135	-
Ohio	24	-	-	-	2.10	-	171	-
Oklahoma	38	212	100.0	70.2	3.84	3.32	138	135
Wyoming	4,073	3,998	65.2	78.1	.42	.44	97	94
Montana	5,362	5,487	100.0	100.0	.73	.81	86	55
Montana	5,262	5,487	100.0	100.0	.73	.81	86	55

See footnotes at end of table.

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Nebraska	5,034	4,274	70.2	90.1	0.42	0.42	77	87
Colorado	-	55	-	100.0	-	.48	-	182
Montana	-	0	-	-	-	.86	-	23
Wyoming	5,034	4,210	76.2	90.0	.42	.42	77	85
Nevada	4,280	4,205	100.0	100.0	.40	.47	152	142
Arizona	2,245	2,710	100.0	100.0	.49	.47	123	114
Utah	1,656	1,349	100.0	100.0	.47	.45	181	192
Wyoming	378	148	100.0	100.0	.43	.52	202	196
New Hampshire	698	496	80.6	-	1.33	1.57	179	167
Kentucky	17	-	-	-	.68	-	201	-
Pennsylvania	90	88	100.0	-	1.01	.97	179	173
West Virginia	477	408	82.3	-	1.60	1.70	178	166
Imported coal Canada	34	-	-	-	.97	-	181	-
Imported coal Venezuela	81	-	100.0	-	.39	-	189	-
New Jersey	1,752	1,003	88.0	71.4	.83	.85	178	174
Kentucky	31	48	-	-	.02	.58	190	177
Ohio	14	-	-	-	1.00	-	203	-
Pennsylvania	20	22	-	-	.05	1.37	189	184
Virginia	700	750	99.9	71.6	.58	.61	177	172
West Virginia	981	1,083	98.0	75.9	1.02	1.04	180	175
New Mexico	8,081	8,400	100.0	100.0	.87	.86	130	125
New Mexico	8,081	8,400	100.0	100.0	.87	.86	130	125
New York	6,131	5,818	60.1	65.8	1.44	1.34	161	156
Kentucky	316	368	98.5	100.0	.38	.39	200	201
Maryland	10	-	-	-	1.29	-	168	-
Ohio	38	7	-	-	1.55	1.53	160	160
Pennsylvania	3,225	3,259	47.0	45.8	1.45	1.35	155	148
West Virginia	2,933	1,984	87.9	92.6	1.57	1.50	162	162
North Carolina	11,187	10,037	85.0	87.2	.75	.73	179	175
Kentucky	5,995	5,012	82.7	84.4	.79	.73	185	179
Tennessee	-	110	-	100.0	-	1.05	-	180
Virginia	2,400	2,503	96.0	92.0	.03	.79	168	169
West Virginia	3,127	2,405	79.8	88.9	.63	.62	177	173
North Dakota	12,280	12,521	100.0	97.5	1.22	1.10	69	70
North Dakota	12,280	12,521	100.0	97.5	1.22	1.10	69	70
Ohio	30,000	27,974	87.0	88.1	2.04	2.08	152	146
Illinois	24	-	-	-	2.57	-	117	-
Indiana	46	33	-	-	2.03	2.29	109	92
Kentucky	5,831	4,987	48.3	55.7	1.00	1.07	158	151
Ohio	14,712	14,024	71.1	72.0	2.80	2.81	154	150
Pennsylvania	1,864	1,773	58.2	55.5	1.72	1.70	138	133
West Virginia	7,492	7,157	78.1	70.7	1.49	1.48	148	139
Oklahoma	8,476	8,454	88.3	92.8	.53	.49	139	136
Oklahoma	810	372	49.7	20.8	1.17	1.12	130	143
Wyoming	7,857	8,002	92.5	95.0	.45	.44	139	135
Oregon	101	-	100.0	-	.38	-	111	-
Wyoming	101	-	100.0	-	.38	-	111	-
Pennsylvania	20,071	23,003	70.3	75.9	1.74	1.70	152	143
Ohio	1,272	1,210	97.8	95.7	3.35	3.32	151	147
Pennsylvania	20,123	17,372	69.9	70.1	1.48	1.44	153	144
West Virginia	5,276	5,313	95.4	90.2	2.33	2.10	146	139
South Carolina	6,343	5,402	74.2	67.0	.93	.88	172	172
Kentucky	4,503	4,700	74.0	65.8	.92	.87	174	174
Tennessee	164	23	-	4	1.19	1.22	164	151
Virginia	577	575	92.4	87.4	.93	.95	161	157
West Virginia	9	4	47.4	100.0	.77	.89	179	198
South Dakota	1,135	1,182	100.0	100.0	1.51	1.40	117	125
North Dakota	1,135	1,162	100.0	100.0	1.51	1.49	117	125
Tennessee	12,371	10,805	78.7	81.4	1.68	1.65	138	134
Illinois	771	865	30.3	9.1	1.88	1.68	118	112
Indiana	704	-	-	-	1.75	-	123	-
Kentucky	8,333	8,005	87.2	91.0	1.71	1.75	140	141
Tennessee	872	1,205	70.5	60.1	1.14	1.12	121	115
Virginia	691	802	100.0	81.0	1.30	1.44	131	122
West Virginia	-	18	-	100.0	-	2.09	-	139
Texas	40,430	40,164	97.1	87.4	1.00	.98	145	145
Colorado	1,058	808	97.2	100.0	.35	.34	205	221
Texas	28,240	27,921	99.7	90.5	1.65	1.62	106	104
Utah	-	207	-	57.8	-	.48	-	171
Wyoming	19,131	20,230	94.0	82.9	.44	.42	183	184

See footnotes at end of table

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Utah	8,037	7,304	87.7	93.0	0.44	0.43	113	126
Colorado	746	708	100.0	100.0	.52	.39	221	240
Utah	7,291	6,596	86.5	92.3	.43	.43	103	115
Virginia	4,934	5,728	69.7	51.0	.75	.71	156	152
Kentucky	1,443	1,815	60.7	43.8	.81	.79	159	152
Virginia	1,911	2,114	74.5	73.2	.70	.70	154	157
West Virginia	980	1,799	73.5	32.1	.76	.66	156	146
Washington	3,183	3,310	88.7	84.8	.06	.81	160	154
Washington	2,815	2,907	99.7	96.6	.92	.87	165	159
Wyoming	348	403	-	-	.35	.42	127	124
West Virginia	18,287	17,260	73.7	74.9	1.51	1.50	146	140
Kentucky	523	368	82.5	69.7	.84	.76	175	176
Maryland	503	506	53.8	47.4	1.37	1.41	124	113
Ohio	968	530	53.6	28.7	3.27	3.34	95	105
Pennsylvania	322	176	10.5	17.9	1.58	1.17	116	122
West Virginia	16,971	15,680	76.3	78.1	1.43	1.46	149	141
Wisconsin	10,118	10,022	74.3	87.7	.84	.87	137	144
Illinois	710	618	72.9	89.0	1.78	1.75	142	143
Indiana	1,088	1,231	98.5	94.9	1.74	1.68	189	179
Kentucky	112	244	-	37.7	.60	1.18	184	156
Montana	997	1,255	80.0	86.9	.70	.74	160	158
New Mexico	43	-	-	-	.39	-	174	-
Pennsylvania	956	765	100.0	100.0	1.27	1.28	156	150
Virginia	-	23	-	-	-	.55	-	161
West Virginia	102	3	-	-	1.11	.59	165	177
Wyoming	6,108	5,683	68.3	87.1	.41	.40	112	129
Wyoming	12,830	12,295	83.7	90.5	.60	.58	83	85
Wyoming	12,830	12,295	83.7	90.5	.60	.58	83	85
U.S. Total	453,312	425,868	82.7	83.2	1.29	1.27	146	144

Notes: Totals may not equal sum of components because of independent rounding MM Btu represents million Btu

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama	9,614	9,276	93.4	94.2	1.09	1.08	208	203
Alabama	9,453	9,219	94.7	94.9	1.08	1.08	207	203
Florida	-	13	-	-	-	2.55	-	114
Georgia	161	43	14.4	-	1.60	1.59	155	152
Arizona	6,218	6,821	100.0	100.0	.48	.45	109	105
Arizona	3,973	4,111	100.0	100.0	.44	.44	101	99
Nevada	2,245	2,710	100.0	100.0	.49	.47	123	114
Colorado	8,880	7,704	83.7	87.8	.39	.37	143	136
Arizona	609	320	100.0	100.0	.32	.34	175	171
Colorado	5,853	5,806	81.3	83.6	.39	.37	108	109
Indiana	368	-	100.0	-	.39	-	300	-
Kansas	137	-	100.0	-	.32	-	118	-
Missouri	110	9	100.0	100.0	.40	.31	159	139
Nebraska	-	55	-	100.0	-	.48	-	182
Texas	1,058	806	87.2	100.0	.35	.34	205	221
Utah	746	708	100.0	100.0	.52	.39	221	240
Illinois	31,398	30,997	84.7	87.7	2.41	2.34	156	157
Alabama	412	534	-	.47	2.03	1.98	112	109
Florida	2,445	2,369	99.3	100.0	2.41	2.36	208	197
Georgia	2,860	3,022	93.6	100.0	2.50	2.19	167	184
Illinois	9,095	8,151	90.1	96.0	2.71	2.67	147	151
Indiana	5,553	5,025	88.0	88.0	2.40	2.43	160	161
Iowa	654	911	88.4	68.1	2.51	2.57	162	150
Kansas	758	469	18.1	20.7	2.58	2.66	147	139
Kentucky	91	9	88.6	-	1.59	1.72	135	116
Minnesota	26	37	100.0	100.0	1.31	1.38	188	195
Mississippi	680	606	88.9	89.4	2.02	1.99	150	146
Missouri	7,218	8,171	84.8	80.5	2.21	2.17	152	149
Ohio	24	-	-	-	2.57	-	117	-
Tennessee	771	865	30.3	8.1	1.88	1.88	118	112
Wisconsin	710	816	72.9	89.0	1.78	1.75	142	143
Indiana	18,472	14,991	73.8	77.4	2.27	2.28	128	127
Alabama	459	151	-	-	2.05	2.84	117	105
Florida	292	303	-	25.3	2.84	2.99	108	121
Illinois	1,275	1,141	72.1	67.1	1.59	1.32	124	127
Indiana	12,272	10,298	82.9	85.1	2.39	2.47	126	123
Iowa	492	340	59.5	52.7	2.22	2.18	136	128
Kentucky	1,571	1,296	80.9	42.0	2.40	2.12	110	105
Michigan	112	100	78.5	87.5	2.44	2.31	162	161
Minnesota	30	42	8.4	-	1.77	1.56	181	138
Mississippi	16	-	-	-	4.29	-	127	-
Missouri	115	55	100.0	49.1	2.90	1.09	122	123
Ohio	46	33	-	-	2.93	2.29	109	92
Tennessee	704	-	-	-	1.75	-	123	-
Wisconsin	1,088	1,231	98.5	94.9	1.74	1.68	189	179
Iowa	36	21	100.0	100.0	3.59	3.72	163	150
Iowa	36	21	100.0	100.0	3.59	3.72	163	150
Kansas	428	344	.2	44.7	2.57	3.35	120	125
Kansas	196	306	-	45.2	2.45	3.41	121	125
Missouri	232	37	.4	41.1	2.66	2.86	120	126
Kentucky	75,851	68,131	73.2	71.3	1.49	1.48	155	154
Alabama	1,434	1,280	34.4	57.7	2.03	2.10	133	128
Connecticut	610	483	81.6	87.3	.41	.39	211	218
Delaware	117	24	14.2	75.0	.52	.61	184	177
Florida	8,287	8,814	78.9	88.5	1.30	1.29	179	172
Georgia	8,632	8,273	72.6	67.2	1.28	1.25	168	163
Illinois	1,282	955	38.8	63.9	.85	.61	155	163
Indiana	2,834	2,449	89.1	79.7	2.34	2.43	136	126
Iowa	9	53	-	-	2.73	2.34	124	138
Kentucky	17,115	14,347	73.4	64.0	2.44	2.52	118	114
Maryland	304	443	73.0	90.1	.56	.58	161	163
Massachusetts	7	23	-	-	.70	.69	172	138
Michigan	3,928	3,947	72.6	88.9	.72	.64	180	198
Minnesota	8	-	58.6	-	.91	-	189	-
Mississippi	1,646	1,415	83.9	81.7	1.07	.86	170	181
Missouri	742	-	99.1	-	2.53	-	124	-
New Hampshire	17	-	-	-	.68	-	201	-
New Jersey	31	48	-	-	.82	.58	190	177
New York	316	368	98.5	100.0	.38	.39	209	201

See footnotes at end of table

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kentucky								
North Carolina	5,595	5,012	82.7	84.4	0.79	0.73	185	179
Ohio	5,931	4,987	46.3	55.7	1.00	1.07	150	151
South Carolina	4,593	4,799	74.6	65.8	92	87	174	174
Tennessee	9,333	8,005	87.2	91.8	1.71	1.75	140	141
Virginia	1,443	1,815	60.7	43.8	81	79	159	152
West Virginia	523	368	82.5	69.7	84	.76	175	176
Wisconsin	112	244	-	37.7	60	1.18	184	156
Louisiana	1,800	1,588	100.0	84.4	.80	.84	135	128
Louisiana	1,800	1,588	100.0	84.4	80	84	135	128
Maryland	1,562	1,300	47.7	53.3	1.25	1.30	156	145
Delaware	21	7	100.0	100.0	1.11	1.18	141	139
Maryland	879	787	46.4	56.7	1.22	1.23	171	165
Massachusetts	40	-	-	-	75	-	185	-
New York	19	-	-	-	1.29	-	168	-
West Virginia	503	506	53.8	47.4	1.37	1.41	124	113
Missouri	1,403	1,733	97.5	99.0	3.06	4.21	171	132
Missouri	1,403	1,733	97.5	99.0	3.96	4.21	171	132
Montana	18,830	19,169	84.1	86.7	.59	.63	142	135
Georgia	-	54	-	-	-	.34	-	181
Illinois	1,633	1,613	100.0	99.2	39	38	292	282
Indiana	399	142	65.1	77.3	39	35	242	257
Michigan	5,160	5,302	96.4	100.0	36	38	158	158
Minnesota	5,379	5,316	89.0	93.0	.75	81	137	131
Montana	5,282	5,487	100.0	100.0	73	81	66	55
Nebraska	-	0	-	-	-	36	-	23
Wisconsin	997	1,255	80.0	86.9	70	.74	160	158
New Mexico	13,310	12,492	98.7	99.9	.74	.73	149	145
Arizona	4,257	4,081	100.0	100.0	50	49	187	182
Colorado	-	11	-	-	-	42	-	131
Illinois	111	-	-	-	43	-	170	-
Missouri	18	-	-	-	.34	-	135	-
New Mexico	8,881	8,400	100.0	100.0	87	.86	130	125
Wisconsin	43	-	-	-	39	-	174	-
North Dakota	13,416	13,683	100.0	97.7	1.24	1.13	73	74
Minnesota	1	-	100.0	-	87	-	174	-
North Dakota	12,280	12,521	100.0	97.5	1.22	1.10	69	70
South Dakota	1,135	1,162	100.0	100.0	1.51	1.49	117	125
Ohio	17,688	17,448	72.1	75.4	2.84	2.79	150	153
Alabama	366	1,503	83.2	100.0	2.02	1.99	118	208
Indiana	40	7	-	-	2.17	1.83	125	130
Kentucky	179	98	57.7	57.0	2.38	2.15	150	132
Michigan	73	60	100.0	100.0	2.99	2.65	210	209
Missouri	24	-	-	-	2.10	-	171	-
New Jersey	14	-	-	-	1.66	-	203	-
New York	38	7	-	-	1.55	1.53	160	160
Ohio	14,712	14,024	71.1	72.9	2.80	2.81	154	150
Pennsylvania	1,272	1,219	97.8	95.7	3.35	3.32	151	147
West Virginia	968	530	53.6	28.7	3.27	3.34	95	105
Oklahoma	856	584	51.8	42.5	1.28	1.91	139	140
Missouri	36	212	100.0	70.2	3.64	3.32	138	135
Oklahoma	819	372	49.7	26.8	1.17	1.12	139	143
Pennsylvania	29,946	28,534	87.3	67.1	1.46	1.41	154	147
Delaware	193	269	43.4	78.8	1.09	1.19	165	170
Kentucky	11	4	-	100.0	2.03	2.22	107	157
Maryland	1,418	1,417	93.4	95.6	1.47	1.49	180	169
Massachusetts	639	456	35.9	4.4	1.09	1.03	173	164
Michigan	1,056	933	72.9	81.9	1.09	1.02	158	173
Minnesota	3	-	100.0	-	1.02	-	176	-
New Hampshire	90	88	100.0	-	1.01	.87	179	173
New Jersey	28	22	-	-	.85	1.37	169	184
New York	3,225	3,259	47.0	45.8	1.45	1.35	155	148
Ohio	1,884	1,773	58.2	55.5	1.72	1.70	138	133
Pennsylvania	20,123	17,372	69.9	70.1	1.48	1.44	153	144
West Virginia	322	176	10.5	17.9	1.58	1.17	116	122
Wisconsin	856	765	100.0	100.0	1.27	1.28	156	150
Tennessee	2,919	2,831	57.9	60.2	1.14	1.04	149	138
Alabama	487	441	13.3	35.1	.87	.60	124	122
Florida	62	30	100.0	100.0	.83	.78	219	214

* footnotes at end of table.

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Tennessee								
Georgia	999	525	82.0	92.3	1.06	0.70	187	205
Kentucky	338	289	82.9	.1	2.09	2.04	121	102
North Carolina	-	118	-	100.0	-	1.05	-	100
South Carolina	164	23	-	.4	1.19	1.22	164	151
Tennessee	872	1,205	76.5	86.1	1.14	1.12	121	115
Texas	28,240	27,921	98.7	90.5	1.55	1.52	106	104
Texas	28,240	27,921	99.7	90.5	1.55	1.52	106	104
Utah	8,947	8,152	89.0	92.7	.44	.44	118	129
Nevada	1,656	1,349	100.0	100.0	.47	.45	181	192
Texas	-	207	-	57.8	-	.46	-	171
Utah	7,291	6,598	86.5	92.3	.43	.43	103	115
Virginia	9,842	10,742	89.2	82.9	.87	.88	170	164
Delaware	181	14	47.8	100.0	.67	.72	196	202
Florida	517	480	100.0	100.0	.58	.58	249	232
Georgia	1,833	1,933	81.7	67.6	1.07	1.11	176	167
Kentucky	60	-	100.0	-	.58	-	158	-
Massachusetts	792	1,194	98.2	100.0	.95	.90	173	161
Michigan	113	354	100.0	100.0	1.09	.90	186	175
New Jersey	700	750	99.9	71.8	.58	.81	177	172
North Carolina	2,466	2,503	96.9	92.8	.83	.79	168	169
South Carolina	577	575	92.4	87.4	.93	.95	161	157
Tennessee	691	802	100.0	81.0	1.39	1.44	131	122
Virginia	1,911	2,114	74.5	73.2	.70	.70	154	157
Wisconsin	-	23	-	-	.55	-	161	-
Washington	2,815	2,907	99.7	98.8	.92	.87	165	159
Washington	2,815	2,907	99.7	98.8	.92	.87	165	159
West Virginia	50,387	47,314	78.1	75.7	1.31	1.29	157	151
Alabama	4	36	-	100.0	.51	.80	151	124
Delaware	769	747	95.2	92.8	.67	.85	183	182
Florida	1,195	1,282	88.5	86.1	.98	.99	184	182
Georgia	884	752	100.0	100.0	.57	.54	246	240
Illinois	152	160	15.2	.58	.52	.52	158	167
Indiana	253	204	89.8	38.8	.55	.82	207	177
Kentucky	1,808	1,503	39.8	42.0	.63	.66	129	118
Louisiana	159	105	100.0	100.0	.52	.50	205	203
Maryland	3,123	2,231	60.8	59.5	.87	.92	156	149
Massachusetts	887	1,039	84.9	89.0	.97	.93	168	154
Michigan	3,224	3,398	76.8	77.8	.68	.57	171	183
Minnesota	2	-	100.0	-	.95	-	169	-
Mississippi	-	22	-	-	-	1.12	-	144
New Hampshire	477	408	82.3	-	1.00	1.70	178	166
New Jersey	981	1,083	86.0	75.9	1.02	1.04	180	175
New York	2,533	1,984	87.9	92.8	1.57	1.50	162	162
North Carolina	3,127	2,405	79.8	86.9	.63	.62	177	173
Ohio	7,492	7,157	78.1	70.7	1.49	1.48	148	139
Pennsylvania	5,278	5,313	95.4	90.2	2.33	2.19	146	139
South Carolina	8	4	47.4	100.0	.77	.89	178	198
Tennessee	-	18	-	100.0	-	2.09	-	139
Virginia	980	1,709	73.5	32.1	.76	.66	158	146
West Virginia	16,971	15,880	78.3	78.1	1.43	1.48	149	141
Wisconsin	102	3	-	-	1.11	.59	165	177
Wyoming	89,844	83,788	88.0	89.1	.44	.45	134	139
Alabama	218	-	-	-	.44	-	170	-
Arkansas	6,049	6,448	100.0	100.0	.40	.39	166	163
Colorado	3,077	3,265	100.0	96.1	.39	.37	106	102
Georgia	629	-	9.3	-	.38	-	124	-
Illinois	1,886	2,127	95.3	98.5	.42	.48	293	280
Indiana	6,878	3,259	81.9	73.1	.39	.44	129	152
Iowa	7,639	6,886	69.4	90.8	.43	.44	105	119
Kansas	8,204	8,197	97.8	90.0	.41	.42	123	121
Kentucky	113	-	34.5	-	.35	-	124	-
Louisiana	4,051	5,074	100.0	100.0	.64	.58	180	169
Michigan	1,081	288	41.9	-	.31	.33	111	118
Minnesota	4,181	3,188	89.2	89.4	.30	.31	127	124
Missouri	4,073	3,998	65.2	78.1	.42	.44	97	94
Nebraska	5,034	4,219	78.2	80.0	.42	.42	77	85
Nevada	378	148	100.0	100.0	.43	.52	202	198
Oklahoma	7,857	8,082	92.5	95.6	.45	.44	139	135

See footnotes at end of table.

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Wyoming								
Oregon	101	-	100.0	-	.038	-	111	-
Texas	19,131	20,230	94.8	82.9	.44	.042	183	184
Washington	348	403	-	-	.35	.42	127	124
Wisconsin	6,108	5,683	68.3	87.1	.41	.40	112	129
Wyoming	12,830	12,295	83.7	90.5	.60	.58	83	85
Imported Coal								
Canada	808	810	69.3	87.5	.61	.58	178	175
New Hampshire	34	-	-	-	.97	-	181	-
Colombia	34	-	-	-	.97	-	181	-
Florida	543	573	88.2	71.9	.85	.58	178	177
Georgia	479	412	100.0	100.0	.65	.61	177	173
Maryland	-	23	-	-	-	.54	-	173
Massachusetts	-	138	-	-	-	.48	-	190
Venezuela	84	-	-	-	.61	-	179	-
Florida	231	37	35.1	-	.47	.36	178	141
Massachusetts	80	37	-	-	.55	.36	182	141
New Hampshire	70	-	-	-	.48	-	181	-
U.S. Total	81	-	100.0	-	.39	-	189	-
U.S. Total								
	453,312	425,888	82.7	83.2	1.29	1.27	146	144

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

AFTER THE DECLARATION OF INDEPENDENCE OUR FOUNDING FATHERS WROTE SOMETHING EVEN MORE IMPORTANT.

Ten years after the signing of the Declaration of Independence our founding fathers created what historians have called the greatest single document struck off by the hand and mind of man.



Our founding fathers created the Constitution of the United States.

For the first time in history, power was granted by the people to the government, and not by the government to the people.

The freedom unleashed by the Constitution allowed Americans to develop their talents and abilities to the fullest. And attain what is now known the world over as the *American Dream*.

As we commemorate the Bicentennial of the Constitution, there is no better way for you as an American to reaffirm the principles for which our country stands than to learn more about the Constitution.

The words we live by.

THE CONSTITUTION

The words we live by

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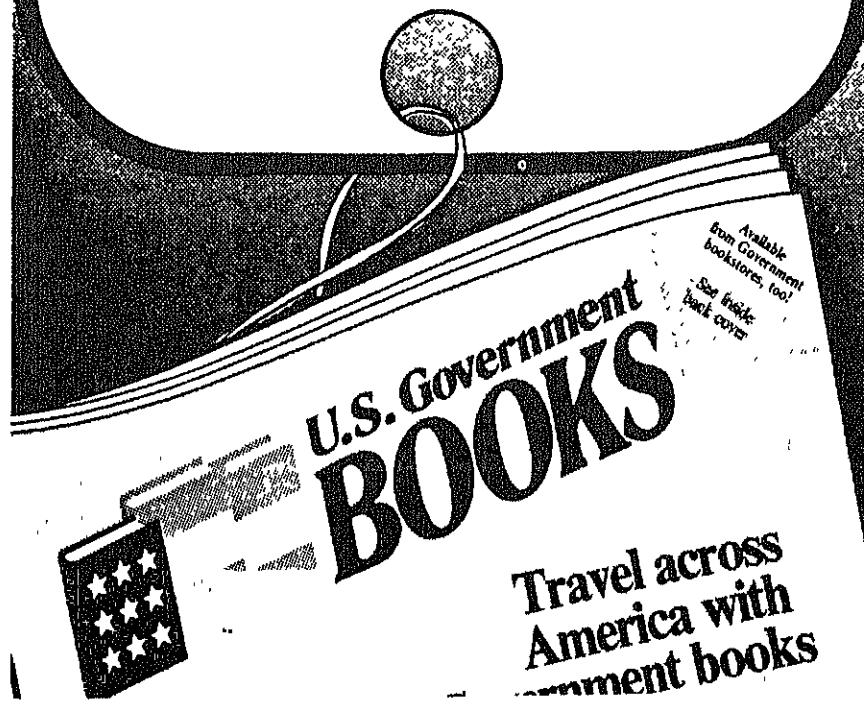
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